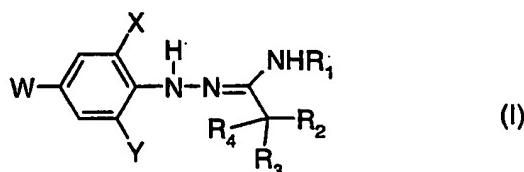


## Claims:

## 1. The use of compounds of formula I

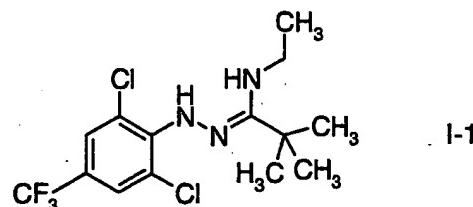


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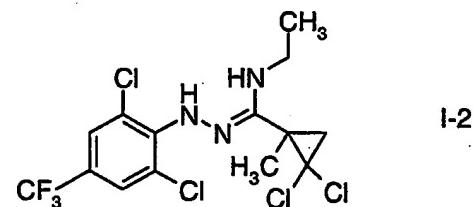
wherein

- W is chlorine or trifluoromethyl;
- 10 X and Y are each independently chlorine or bromine;
- 15  $R^1$  is  $C_1$ - $C_6$ -alkyl,  $C_3$ - $C_6$ -alkenyl,  $C_3$ - $C_6$ -alkynyl, or  
 $C_3$ - $C_6$ -cycloalkyl which may be substituted with 1 to 3 halogen atoms, or  
 $C_2$ - $C_4$ -alkyl which is substituted by  $C_1$ - $C_4$ -alkoxy;
- 20  $R^2$  and  $R^3$  are  $C_1$ - $C_6$ -alkyl or may be taken together to form  $C_3$ - $C_6$ -cycloalkyl  
which may be unsubstituted or substituted by 1 to 3 halogen atoms;
- $R^4$  is hydrogen or  $C_1$ - $C_6$ -alkyl,  
25 or the enantiomers or salts thereof,  
for combating non-crop pests.
- 30 2. The use according to claim 1 wherein the non-crop pests are selected from the group consisting of the classes Chilopoda and Diplopoda and of the orders Isoptera, Diptera, Blattaria (Blattodea), Dermaptera, Hemiptera, Hymenoptera, Orthoptera, Siphonaptera, Thysanura, Phthiraptera, Araneida, Parasitiformes and Acaridida.
- 35 3. The use according to claims 1 or 2 wherein the non-crop pests are selected from the group consisting of the orders Isoptera, Blattaria (Blattodea), Diptera, Hymenoptera, Siphonaptera, Orthoptera, and Ixodida.
- 4. The use of the compounds of formula I as defined in claim 1 for the protection of non-living organic materials.

5. The use according to claim 4 for the protection of non-living organic materials against non-crop pests selected from the group consisting of the class Diplopoda and of the orders Isoptera, Diptera, Blattaria (Blattodea), Dermaptera, Hemiptera, Hymenoptera, Orthoptera, and Thysanura.
- 5 6. The use according to claims 1 to 5 wherein the compound of formula I is a compound of formula I-1.



- 10 7. The use according to claims 1 to 5 wherein the compound of formula I is a compound of formula I-2.



- 15 8. A method for controlling non-crop pests comprising contacting the pests or their food supply, habitat, breeding grounds or their locus with a pesticidally effective amount of a compound of formula I as defined in claims 1, 6 or 7.
9. A method according to claim 8 wherein the non-crop pests are selected from the group consisting of the classes Chilopoda and Diplopoda and of the orders Isoptera, Diptera, Blattaria (Blattodea), Dermaptera, Hemiptera, Hymenoptera, Orthoptera, Siphonaptera, Thysanura, Phthiraptera, Araneida, Parasitiformes and Acaridida.
- 20 10. A method according to claims 8 or 9 wherein the non-crop pests are selected from the group consisting of the orders Isoptera, Blattaria (Blattodea), Diptera, Hymenoptera, Siphonaptera, Orthoptera, and Ixodida.
11. A method for the protection of non-living organic materials against non-crop pests selected from the group consisting of the class Diplopoda and of the orders Isoptera, Diptera, Blattaria (Blattodea), Dermaptera, Hemiptera, Hymenoptera, Orthoptera, and Thysanura comprising contacting the pests or their food supply, habitat, breeding grounds, their locus or the non-living organic materials with a
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- 30

pesticidally effective amount of a compound of formula I as defined in claims 1, 6 or 7.

- 5        12. A method for the protection of animals against non-crop pests selected from the group consisting of the class Chilopoda and of the orders Araneida, Hemiptera, Diptera, Phthiraptera, Siphonaptera, Parasitiformes and Acarida, comprising treatment of the pests in water bodies and/or in and around buildings with a pesticidally effective amount of a compound of formula I as defined in claims 1, 6 or 7.
- 10      13. A method according to claim 12 wherein the non-crop pests are selected from the group consisting of the Diptera, Phthiraptera, Siphonaptera, and Parasitiformes orders.
- 15      14. A bait composition which comprises a pesticidally effective amount of a compound of formula I as defined in claims 1, 6 or 7 and an attractant.